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CENTRAL INTELLIGENCE AGENCY
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COUNTRY Germany (Soviet Zone)

SUBJECT Feinmessgerätekwerk Zwönitz

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1. The Zwönitz instrument works delivered seven more electronic voltmeters to the Red Army in January 1954. They went to a unit at Berlin-Rangsdorf.
2. Great importance is attached to the production for the Soviet Union of impulse repeaters for automatic control installations. Although this equipment is not built in entirety at Zwönitz more and more security precautions are enforced. Allegedly because of many failures of this equipment, the SED has placed a new controller in charge, who by all appearances is a Soviet. The apparatus weighs 3 kg and is about 50 by 20 by 30 cm in size. Ten sets were manufactured in January 1954.
3. The RFT Leipzig is delivering a new type of quartz crystal. These crystals formerly were built into the apparatus. They had a diameter of about 2 cm. The crystals now being delivered have a diameter of about 1.5 cm, are of cylindrical shape, and have an outer case of plastic material, while the two cover plates are of brass. The cover plates have three round depressions on each side, which hold the crystal in position in the apparatus. The apparatus has two clamps which on their inner sides have three spring-mounted round projections on each side. These snap into the depressions in the crystal and hold it in place. This makes it possible to change the apparatus to another frequency in the shortest time.

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